

General Description

The XBS-03-EB16-NN is an edge mounted PCB connector which is designed for a PCB thickness of 1.6mm. The connector is supplied without nut or washer so you can customise your own style for your design.

This connector is available as:
XBS-03-EB16-NN as a connector only part
XBS-03-EB16-NN-AA supplied with Hex Nut & Washer
XBS-03-EB16-NN-CA supplied with 2 Slot Circular Nut & Washer



Electrical

Impedance		75Ω
Frequency Range		0-3GHz
Working Voltage		500Vrms
Reflection Factor (VSWR)		1.08 (max) 0-1.5GHz 1.16 (max) 1.5-3GHz
Dielectric Withstanding Voltage		1500Vrms
Insulation Resistance		≥1500MΩ
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

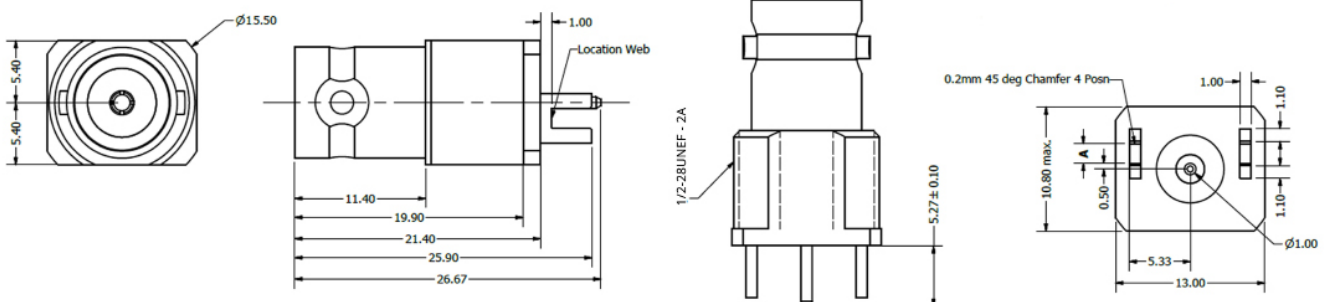


Materials

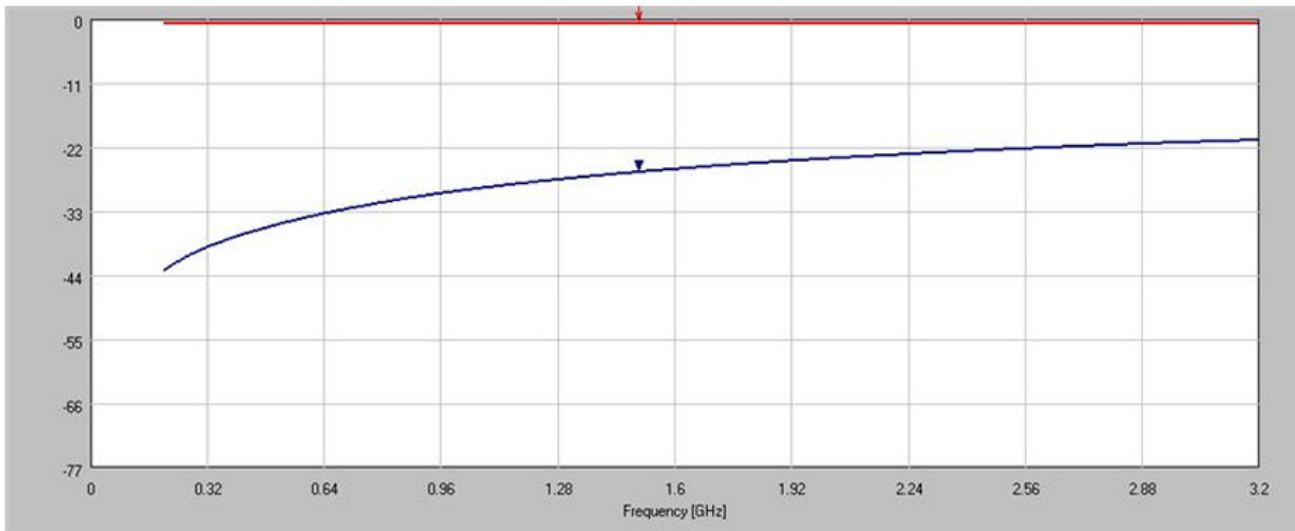
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Brass / Ni
Insulators	PTFE

Environmental

Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	500



Return Loss Graph



Return Loss
0.0-1.5 GHz Better than -25.95db
1.5-3.2 GHz Better than -20.38db

Insertion Loss
0-3.2 GHz Better than 0.040 db

PCB Layout and Panel Cutout

